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JUN 13 2005

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TO: Commissioner for Patents

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FAX NO.: 703-872-9306

JUN 14 2005

FROM: Keith Taboada, Esq.

DATE: June 13, 2005

MATTER: Serial No. 09/917,842 Filed: July 27, 2001

DOCKET NO.: 5017/ISM/CORE/MCVD/SB

APPLICANT: Chin, et al.

The following has been received in the U.S. Patent and Trademark Office on the date of this facsimile:

☐ Petition
☐ Disclosure Statement & PTO-1449
☐ Priority Document
☐ Drawings (sheets) informal
☐ Amendment
☒ Response to Office Action (19 pages)

☐ Transmittal Letter (2 copies)
☒ Fee Transmittal (2 copies)
☒ Deposit Account Transaction
☒ Facsimile Transmission Certificate
dated June 13, 2005

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being transmitted by facsimile to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 13, 2005.
Facsimile No. (703) 872-9306.

Allyson M. DeVesty
Name of person signing this certificate

Allyson M. DeVesty 6-13-05
Signature and date

373266

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL
for FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete If Known

Application Number	09/917,842
Filing Date	July 27, 2001
First Named Inventor	Chin, et al.
Examiner Name	Alexander J. Kosowski
Art Unit	2125
Attorney Docket No.	5017/ISM/CORE/MCVD/SB

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) :☒ Deposit Account: Deposit Account Number: 20-0782

Deposit Account Name: Moser, Patterson & Sheridan, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s)
Under 37 CFR 1.16 and 1.17☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	—
Design	200	100	100	50	130	65	—
Plant	200	100	300	150	160	80	—
Reissue	300	150	500	250	600	300	—
Provisional	200	100	0	0	0	0	—

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)
Each independent claim over 3 (including Reissues)
Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
50	-20 or HP= 4	x 50 =	200	Fee (\$)
				Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
7	-3 or HP= 0	x 200 =	0

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

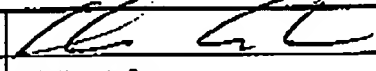
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
—	-100 =	/ 50 =	(round up to a whole number) x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) :

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	45,150	Telephone	(732) 530-9404
Name (Print/Type)	Keith Taboada, Esq.	Date	June 13, 2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to use (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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RESPONSE TO OFFICE ACTION

Serial No. 09/917,842

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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

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JUN 13 2005

PATENT APPLICATION

Applicants: Chin et al.

Case: 5017/ISM/CORE/MCVD/SB

Serial No.: 09/917,842

Filed: July 27, 2001

Examiner: Kosowski, Alexander J.

Group Art Unit: 2125

Confirmation No.: 3573

Title: ATOMIC LAYER DEPOSITION APPARATUS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being transmitted by facsimile under 37 C.F.R. §1.8 on June 13, 2005 and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

6-13-05
DateAllison M. DeVest
SignatureRESPONSE TO OFFICE ACTION DATED MARCH 14, 2005

In response to the Office Action dated March 14, 2005, having a shortened statutory period set to expire on June 14, 2005, please enter this amendment and reconsider the claims pending in the application for the reasons discussed below. Although the Applicants believe that only excess claim fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782 for any fees, including extension of time fees, and any other fees required to make this response timely and acceptable to the Office.

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